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December 21, 2001

Attorney Docket No.:

Parent Serial No. 09/408,020

Parent Filing Date: September 29, 1999

Box PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Presented for filing is a new divisional patent application of:

Applicant: RONALD SWANSON, ROBERT FELDMAN, KRISTA SCHLEPER, EDWARD
F. DeLONG and CHRISTINA M. PRESTON

Title: NUCLEIC ACIDS AND PROTEINS FROM CENARCHAEUM SYMBIOSUM

Enclosed are the following papers, including all those required to receive a filing date under
37 CFR § 1.53(b):

	<u>Pages</u>
Specification	72
Claim(s)	1
Abstract	1
Drawing(s)	6

Enclosures:

Application Data Sheet
Permission to use Sequence Listing
Postcard

"EXPRESS MAIL" Mailing Label Number ET655520109US
Date of Deposit December 21, 2001
I hereby certify under 37 CFR 1.10 that this correspondence is being
deposited with the United States Postal Service as "Express Mail Post
Office to Addressee" with sufficient postage on the date indicated
above and is addressed to the Assistant Commissioner for Patents,
Washington, D.C. 20231

Aaron Parker
Aaron Parker

Docket No.
Box Patent Application
December 21, 2001
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This application is a divisional and claims the benefit of priority under 35 USC § 120 to U.S. Patent Application Serial Number 09/408,020, filed September 29, 1999, which claims priority from U.S. Provisional Patent Application Serial No. 60/102,294, filed September 29, 1998, the contents of which are incorporated by reference in their entirety herein.

Applicants claim small entity status in the above-identified application. Pursuant to 37 C.F.R. §1.27 a Verified Statement is not required.

Basic filing fee	\$	0.00
Total claims in excess of 20 (0 times \$18.00)	\$	0.00
Independent claims in excess of 3 (0 times \$80.00)	\$	0.00
Multiple dependent claims	\$	0.00
Total filing fee:	\$	0.00

Please charge Deposit Account No. 50-0661 for the filing fees due.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please contact the attorney of record, Lisa A. Haile, Ph.D., at (858) 677-1456.

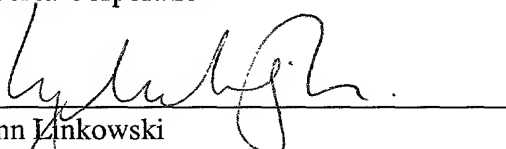
Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

Lisa A. Haile, Ph.D.
Gray Cary Ware & Freidenrich LLP
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
Telephone: 858-677-1456
Facsimile: 858-677-1465

Very truly yours,

Diversa Corporation



Lynn Linkowski
Reg. No. 47,320
Telephone: 858-526-5450
Facsimile: 858-526-5950

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SWANSON, FELDMAN, Art Unit:
SCHLEPER, DeLONG and
PRESTON
Parent Serial No.: 09/408,020 Examiner:
Parent Filing Date: September 29, 1999
Serial No.:
Filed:
Title: NUCLEIC ACIDS AND PROTEINS FROM CENARCHAEUM
SYMBIOSUM

Commissioner for Patents
Washington, D.C. 20231

PERMISSION TO USE SEQUENCE LISTING

Sir:

The above-identified patent application lacks a substitute paper copy of the Sequence Listing for inclusion into the Specification, as well as a computer readable form of the Sequence Listing. Applicants respectfully direct the attention of the Office to the following:

1. A complete paper copy of the Sequence Listing is included in the Specification and is identical to the computer readable copy of the Sequence Listing filed in U.S. Patent Application No. 09/408,020 (the "020 application"), filed September 29, 1999.
2. A computer-readable form in this application is identical with that filed in the "020 application", filed September 29, 1999. Pursuant to 37 CFR §1.821(e), please use the last-filed computer readable form filed in the "020 application" as the computer readable form for this application. It is understood that the Patent and Trademark Office will make the necessary

In re Application of:

PATENT

SWANSON, FELDMAN, SCHLEPER, DeLONG and PRESTON

Application No.: 09/408,020

Filed: September 29, 1999

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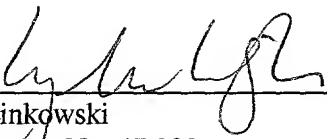
change in application number and filing date for the computer readable form that will be used for this application.

I hereby state, as required by 37 C.F.R. § 1.821 (g), that the enclosed submission includes no new matter. Applicants submit that the foregoing satisfies the requirements of Rule §1.821. If there are any questions regarding this response, the Office is invited to contact the attorney of record, Lisa A. Haile, Ph.D., at the address or telephone number listed below.

It is understood that this perfects the application and no additional papers or filing fees are required. If there are any other charges, or any credits, please apply them to Deposit Account 50-1355.

Respectfully submitted,

Dated: 12/21/01



Lynn Linkowski
Registration No. 47,320
Diversa Corporation
4955 Directors Place
San Diego, CA 92121
Telephone: 858-526-5450
Facsimile: 858-526-5950

Please direct all correspondence and inquires to:

Lisa A. Haile, Ph.D.
Gray Cary Ware & Freidenrich LLP
Registration No. 38,347
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133
Telephone: 858-677-1456
Facsimile: 858-677-1465

Customer Number: 28213

ENCLOSURE